

Attorney Docket No.: DEX-0201
Inventors: Yang et al.
Serial No.: 09/817,607
Filing Date: March 26, 2001
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In the Claims:

Please cancel claims 2, 7, 8, and 10-25, without prejudice.

Please amend the claims as follows:

1. (amended) An isolated polynucleotide comprising:

(a) SEQ ID NO: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 or 57;

(b) a fragment of at least 15 contiguous nucleobases of SEQ ID NO: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 or 57,

or

(c) a nucleic acid sequence which hybridizes under stringent conditions to an antisense sequence of SEQ ID NO: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56 or 57.

5. (amended) A method for producing a polypeptide of a colon specific gene comprising culturing the host cell of claim 4

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under conditions which promote expression of the polynucleotide and isolating polypeptide expressed in the cells.

A2 6. (amended) A method for producing a cell expressing a polypeptide of a colon specific gene comprising transforming or transfecting a cell with the vector of claim 3 so that the cell, under appropriate culture conditions, expresses a polypeptide of a colon specific gene.

A3 9. (amended) A colon specific gene for diagnosing colon cancer comprising a polynucleotide of claim 1 or a polypeptide encoded thereby.

REMARKS

Claims 1-25 are pending in the instant application. Claims 2, 7, 8 and 10-25 have been withdrawn from consideration by the Examiner and subsequently canceled without prejudice by Applicants in this amendment. Claims 1, 3-6 and 9 have been rejected. Claims 1, 5, 6 and 9 have been amended. No new matter has been added by these amendments. Reconsideration is respectfully requested in light of these amendments and the following remarks.

I. Finality of Restriction Requirement

The Examiner has made final the Restriction Requirement mailed April 22, 2002. Accordingly, in an earnest effort to